



California ISO



Reliability Challenges Overview

June 1, 2022

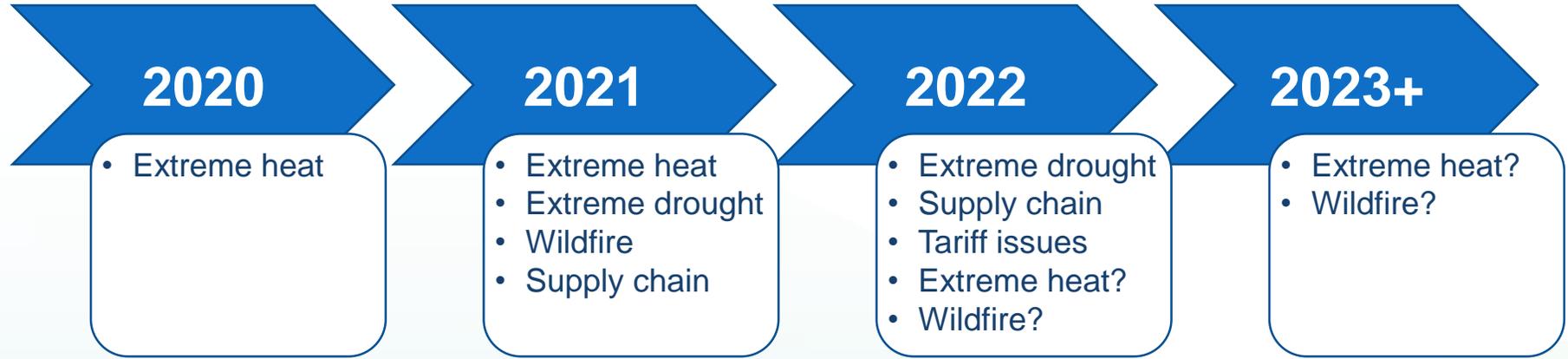


Compounding Reliability Risks

Planning

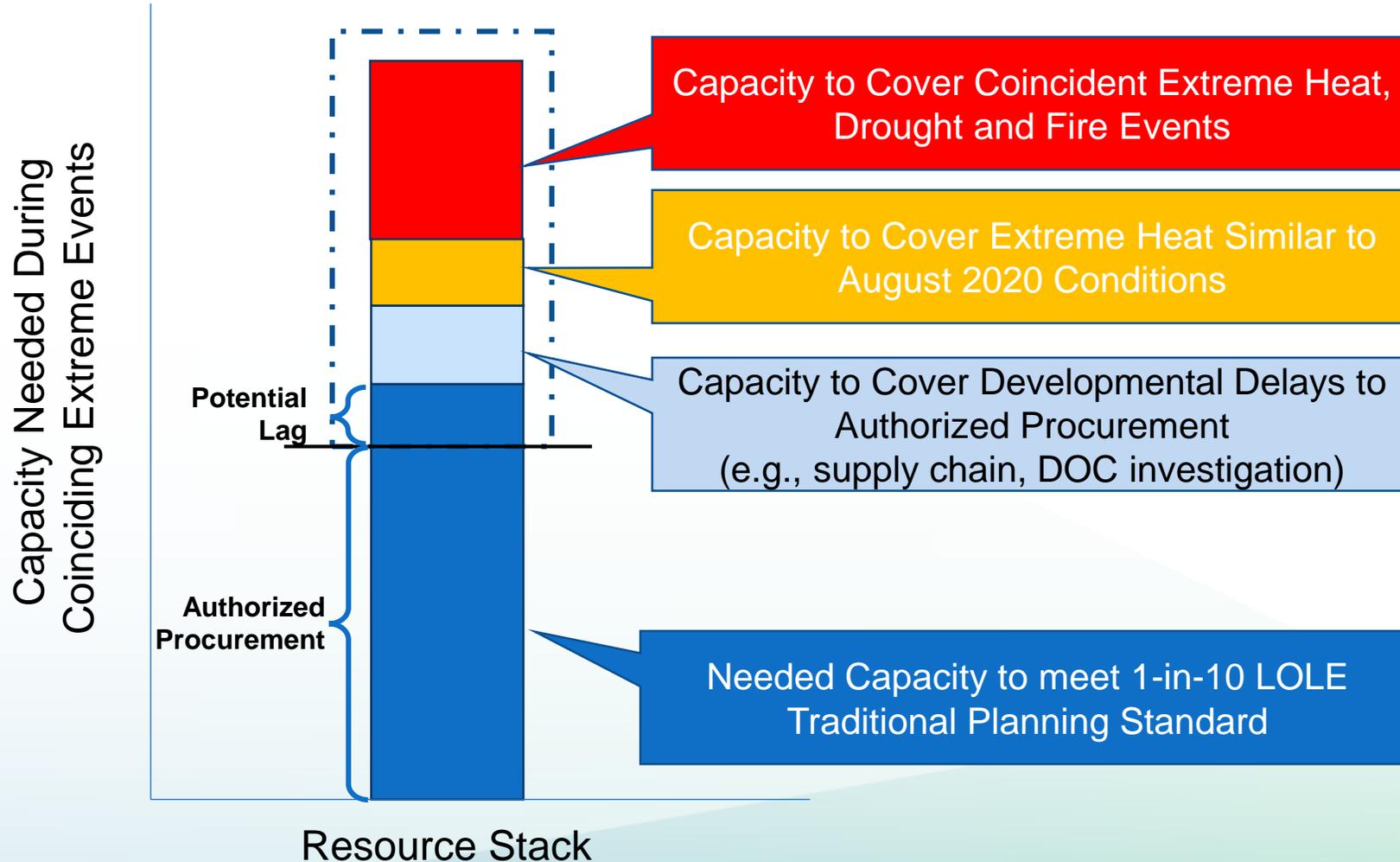
- Historic conditions
- Average Climate Change Trends
- Begin to incorporate climate change uncertainty
- Increase effective PRM
- Identify Contingency Measures
- Re-assessing PRM
- Identifying need for a strategic reserve

Events





Reliability Impacts





Estimated Impact on Energy Reliability

Issue	2022	2025
Lag in incorporation of updated demand forecasts and policy goals in procurement targeting 1-in-10 traditional planning metric	~1,700 MWs	1,800 MWs
Extreme weather and fire risks to energy assets not completely captured in a 1-in-10 traditional planning efforts	4,000 - 5,000 MWs	
Project Development Delay Scenarios (estimated)	600 MWs	1,600 - 3800 MWs

In total the risk in a coincidental situation could be approximately 7,000MW in 2022 & 10,000MW in 2025